

**FIG. 1**

**FIG. 2**

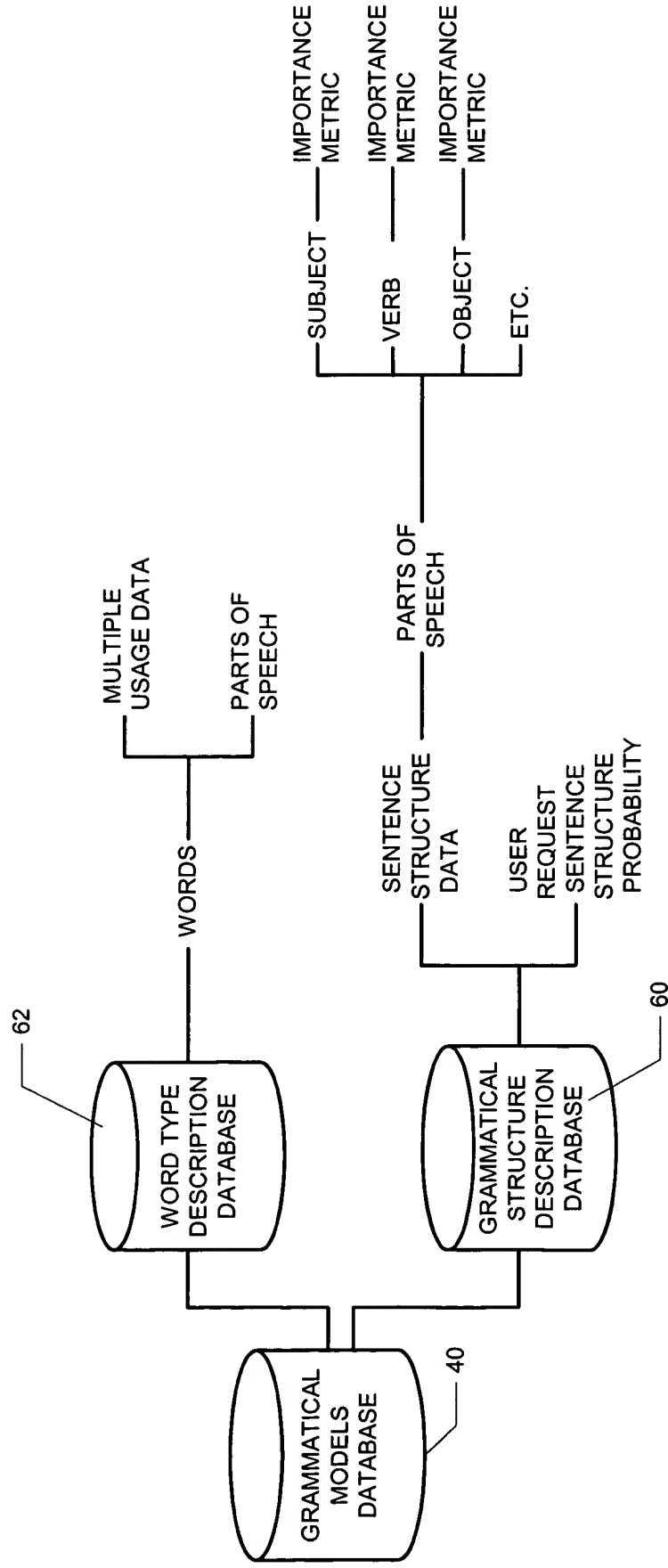
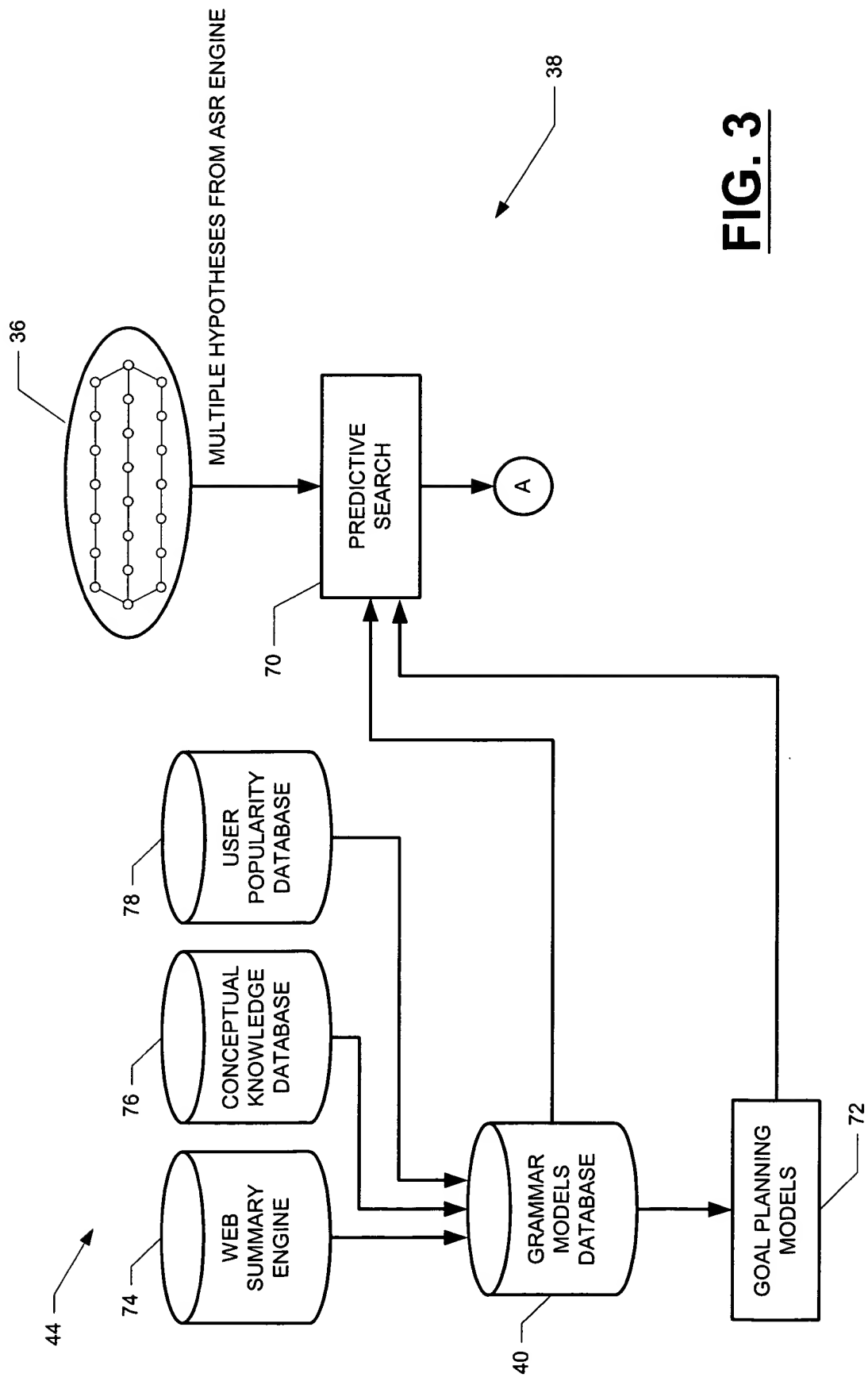
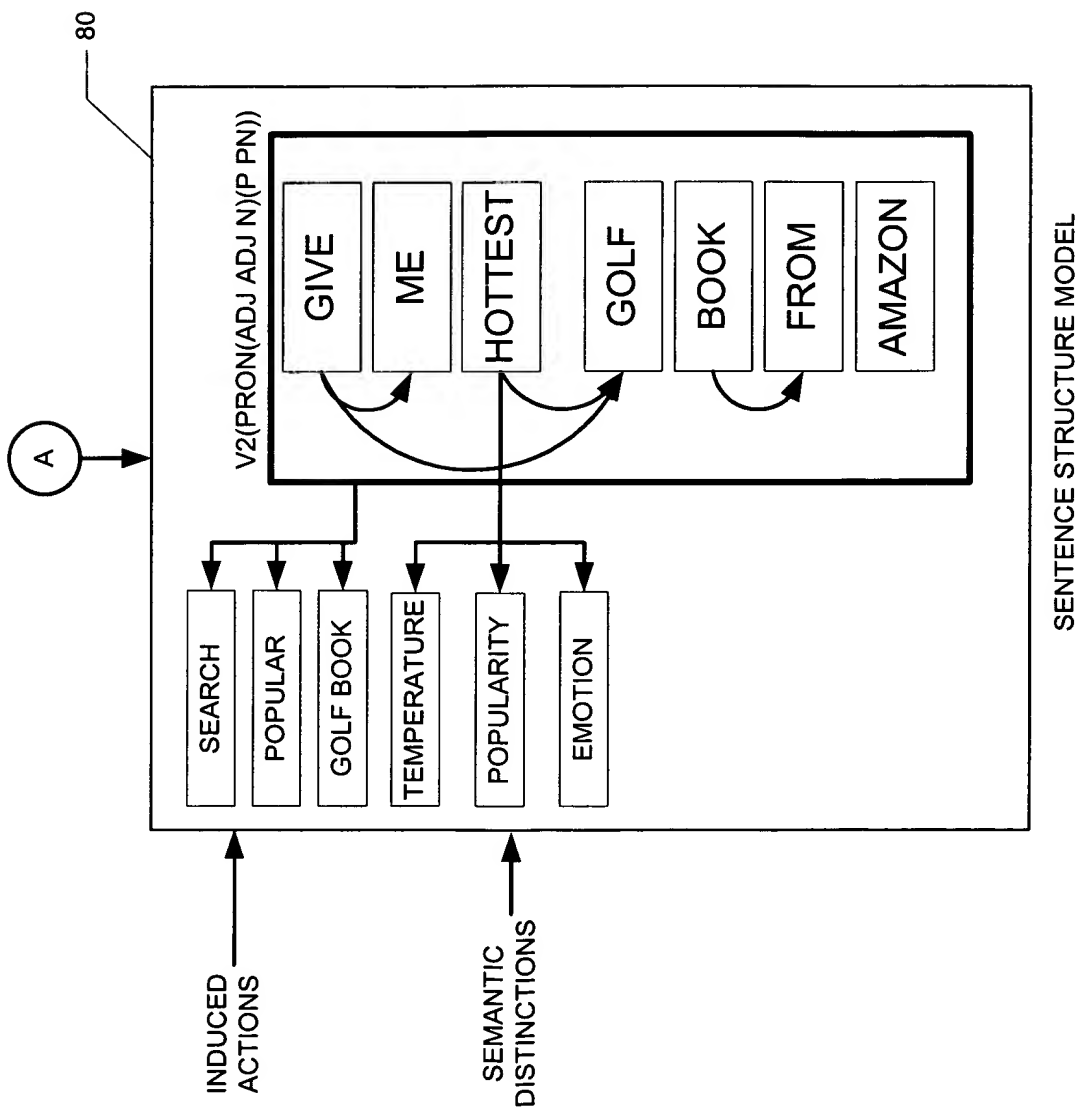


FIG. 3 is a block diagram of a system for processing multiple hypotheses from an ASR engine.



**FIG. 3**

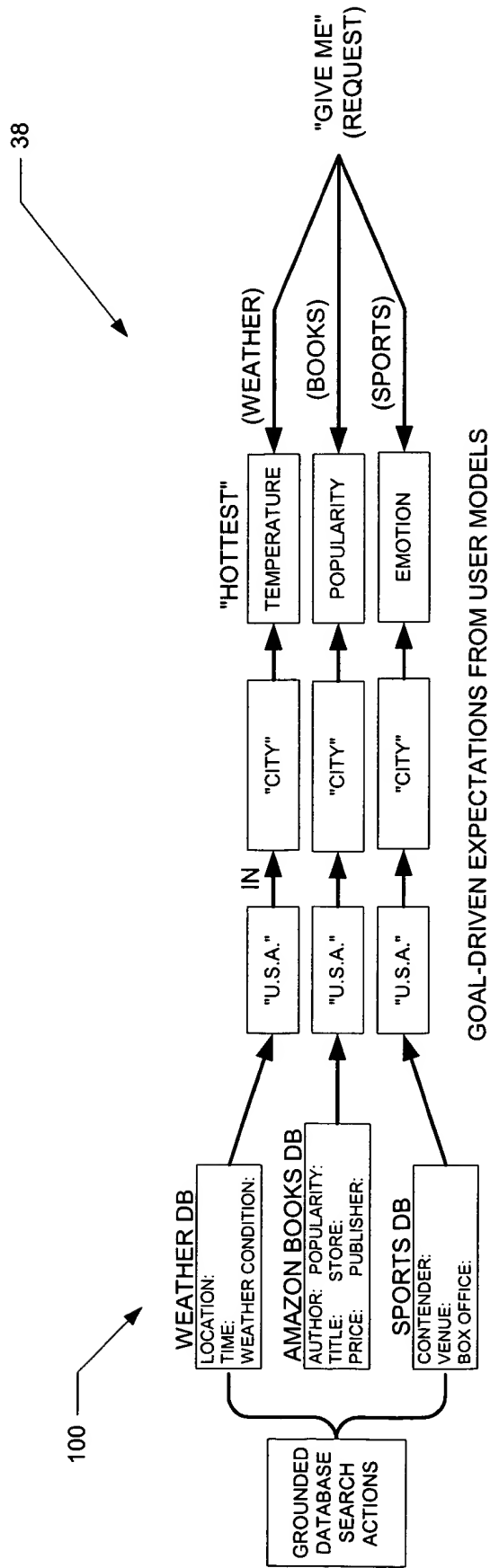
FIG. 4 is a block diagram of a sentence structure model 80, which is a component of a system 38. The model 80 is shown as a large rectangle containing a smaller rectangle labeled V2(PRON(ADJ ADJ N)(P PN)). The V2 rectangle contains the words GIVE, ME, HOTTEST, GOLF, BOOK, FROM, and AMAZON. Arrows indicate relationships between these words and a set of induced actions and semantic distinctions on the left. The induced actions are SEARCH, POPULAR, GOLF BOOK, TEMPERATURE, POPULARITY, and EMOTION. The semantic distinctions are POPULARITY and EMOTION. The model 80 is also labeled with a circled A and a reference numeral 80.



38

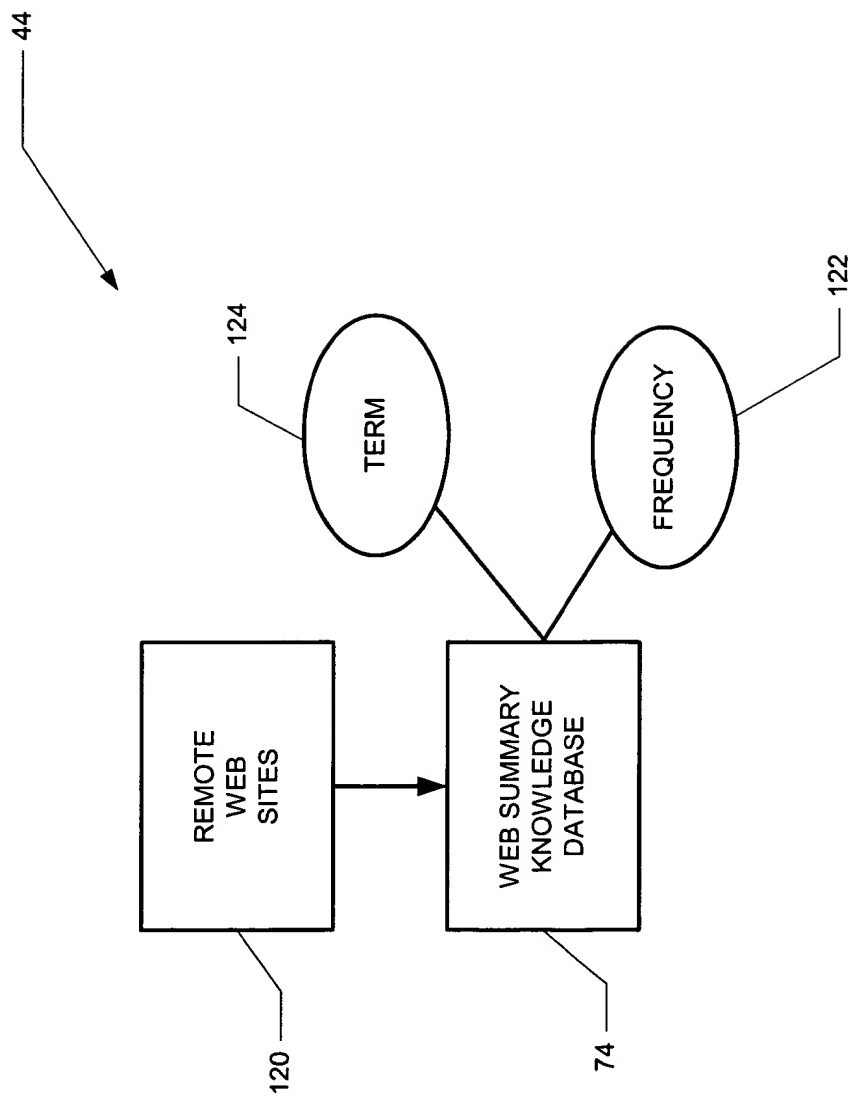
**FIG. 4**

FIG. 5 is a block diagram of a system 100 for processing a request 38. The system 100 includes a database 102, a search engine 104, and a user interface 106. The database 102 stores data for weather, books, and sports. The search engine 104 processes the request 38 and returns results to the user interface 106.

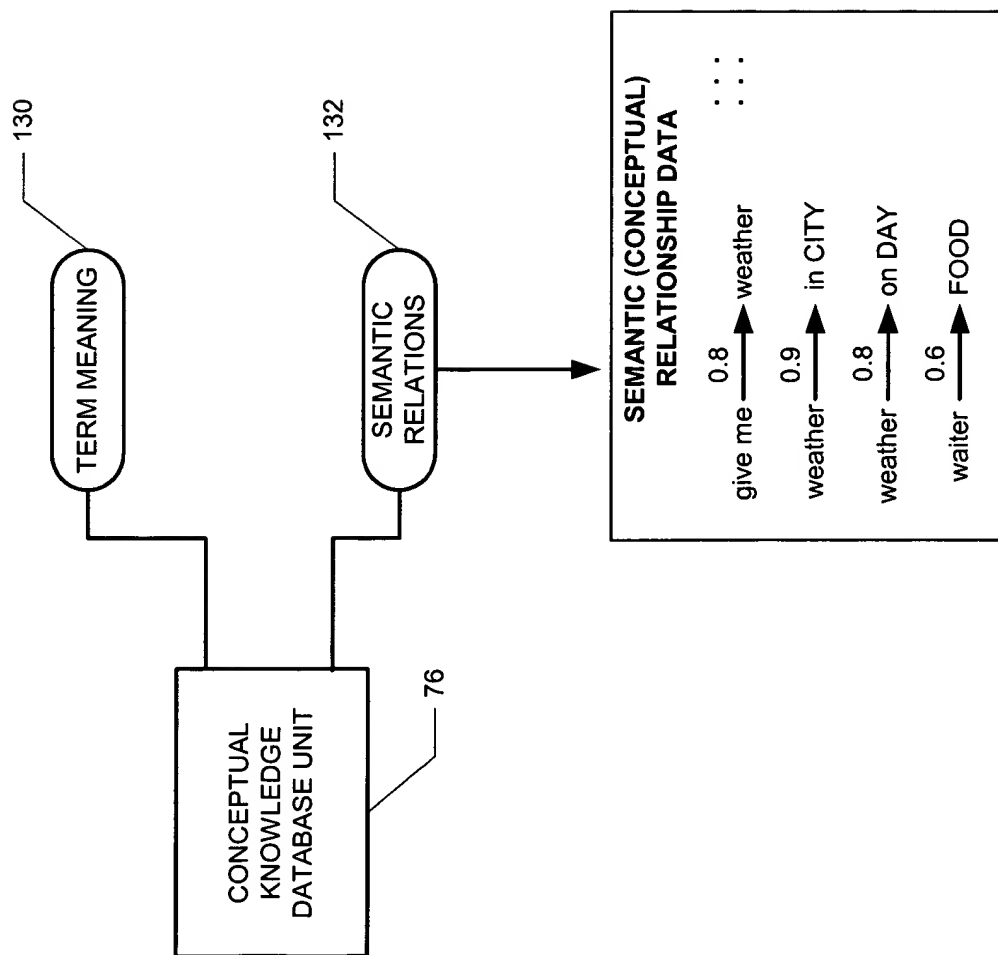


**FIG. 5**

FIG. 6 is a block diagram of a system 44 for processing web data. The system 44 includes a remote web sites block 120, a web summary knowledge database block 74, a term oval 124, and a frequency oval 122. An arrow points from the remote web sites block 120 to the web summary knowledge database block 74. The term oval 124 and frequency oval 122 are connected to the web summary knowledge database block 74. The system 44 is indicated by a line and arrow pointing to the overall diagram.

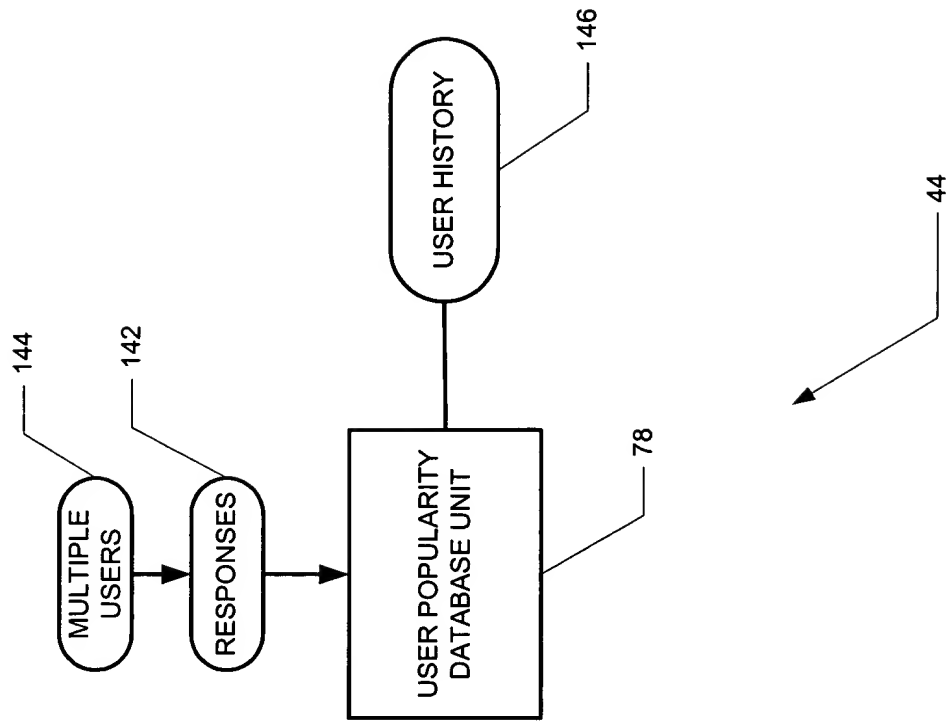


**FIG. 6**



**FIG. 7**

FIG. 8 is a block diagram of a system 44 for processing user responses. The system 44 includes multiple users 144, responses 142, a user popularity database unit 78, and a user history 146. The multiple users 144 provide responses 142 to the user popularity database unit 78. The user popularity database unit 78 stores the responses 142 in the user history 146.



**FIG. 8**